



### PUMP

Pedrollo 4SR12 submersible pumps are specifically designed for water supply from boreholes, though can also be used in other submersible applications in either vertical or horizontal configuration. They feature a hydraulic design that incorporates floating impellers which together with especially resistant component materials provide high resistance to sand content in the pumped water.

The pump impellers and diffusers are made from technopolymer while the stage casings, top housing, suction connector, pump sleeve and shaft are made of AISI 304 stainless steel.

### MOTOR

Pumps are coupled to a Pedrollo two pole sealed motor constructed principally from AISI 316 stainless steel. Drytek control box is available for both single phase and three phase pump control which incorporates incoming mains isolator, digital display of motor operating status and protection against over and under voltage, motor overload and phase sequence loss. The controller can be connected directly to the mains power supply.

**Enclosure Class :** IP68

**Insulation Class:** F

**Speed:** 2900rpm

### OPERATING CONDITIONS

**Pumped Liquid:** Thin, clean, chemically non aggressive liquids with a maximum sand content of 150gm/m<sup>3</sup>.

**Max. Liquid Temperature:** +35°C.

**Max. Silt Content:** 150g/m<sup>3</sup>

**Min. Borehole Diameter:** 110 mm

**Max. Immersion Depth:** 200m

### PUMP DATA

Model	Motor		Current (A)		DN (")	Dimensions (mm)		Weight (kg)
	kW	HP	1x240V	3x415V		H1	H2	
4SR12/9	1.5	2	11	5	2	738	397	17
4SR12/13	2.2	3	15	6		989	437	21
4SR12/18	3	4		7		1302	450	25
4SR12/24	4	5.5		9		1677	505	31
4SR12/32	5.5	7.5		12		2178	589	39
4SR12/40	7.5	10		16		2679	800	52

